

The TZUY TURBINE can be used as stationary or non-stationary turbine. It can harness effectively the countless small and big waterfalls found in many parts of the world to produce electricity or to pump water for upland irrigation.

5           The TZUY TURBINE can use directly the unpurified wet or dry steam from the ground in geothermal power plant without the need of heat exchanger or any steam generating facilities.

          In case there's a boiling lake in a geothermal plant the heat of the water in the lake can boil water inside the boiler to produce pressurized steam for the TZUY TURBINE to make a separate electrical power  
10           production.

          The wave power plants and tidal power plants can be more energy efficient by using our TZUY TURBINE as a driven turbine to spin the electric generator effectively. The enormous power of the sea waves and  
15           tidal current can be converted easily into powerful rotary motion with our turbine coupled to the electric generator. And also the solar power plant in the future will occupy less space and mirrors to concentrate the sun's energy with the use of our turbine.

          The principle of OTEC, Ocean Thermal Energy Conversion can  
20           possibly operate on a small-scale or large -scale electricity production on land by using our TZUY TURBINE particularly in snowy places. The liquid ammonia as a working fluid can be turned to gas by means of external combustion and condensed back to liquid again by the low